

**Notice of Allowability**

Application No.

09/846,574

Applicant(s)

NAKAMURA ET AL.

Examiner

Raquel Alvarez

Art Unit

3622

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 4/13/2006.
2. ☒ The allowed claim(s) is/are 20,28,32 and 33.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date 11/16/05
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_.
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

### **DETAILED ACTION**

1. This action is in response to communication filed on 4/13/2006.
2. The terminal disclaimer was accepted to overcome the double patenting rejection.
3. This application is in condition for allowance except for the presence of claims 1-19, 24-27 are directed to the non-elected group without traverse. Accordingly, claims 1-19 and 24-27 have been cancelled.

### **Allowable Subject Matter**

4. Claims 20, 28 and 32-33 are allowed.

The present invention comprises a computerized system and method for an execution environment for agents, wherein said execution environment includes a monitor mechanism for monitoring a message transmitted from one of said agents.

The closest prior arts were: Weber (5,889,863), Tada (5,887,171), article by Tambe, titled "Architectures for Agents that Track other Agents in Multi-Agents Worlds", article by HS Nwana and DT Ndumu titled, "An Introduction to Agent Technology", David Christianson (WO 9812881).

The combination of Weber and Tada disclose receiving a message and if is a message intended to a different agent, transmitting the message accordingly. Tambe discloses a multi-agent environment for monitoring the observable action of other agents. HS Nwana and DT Ndumu disclose agents that coordinate and schedule plans between agents. Christianson teaches routing a user's query to information sources

relevant to that query. Extracting data fields from received responses, and intelligently presenting the extracted data in order of the estimated relevancy.

The references alone or in combination fail to teach the specific limitations of independent claims 20, 28, 32 and 33 which recite, "**using the computer system for receiving by said manager agent a message from the customer agent addressing said manager agent; if the received message is a message addressed to the shop agent, using the computer system for preparing by said manager agent an associated message that includes contents associated with the received message.....using the computer system for transmitting a registration message for requesting the registration of the customer agent to the manager agent**"

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."


**Point of contact**

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Raquel Alvarez whose telephone number is (571)272-6715. The examiner can normally be reached on 9:00-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Eric w. Stamber can be reached on (571)272-6724. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 3622

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Raquel Alvarez  
Primary Examiner  
Art Unit 3622

R.A.  
4/28/2006